

WATER POLLUTION CONTROL FACILITY OPERATOR

DEFINITION

Under supervision, performs journey level work and assist in the operation and maintenance of the water pollution control facility and assumes responsibility for monitoring, adjusting, minor mechanical repair and maintaining equipment, grounds and facilities.

DISTINGUISHING CHARACTERISTICS

This is the journey level in the Water Pollution Control Facility Operator series and is required to have the ability to carry out more complex duties related to laboratory testing, process operation, and minor mechanical repair. This level requires a Grade II Certificate and is considered to be an Operator on a shift.

SUPERVISION RECEIVED AND EXERCISED

Lead direction is provided by a Water Pollution Control Facility Senior Operator or Water Pollution Control Facility Lead Operator.

Responsibilities may include providing assistance to skilled workers, semi-skilled workers and operators-in-training as required.

ESSENTIAL DUTIES

1. Operates and checks the operation of process equipment in the facility used for the treatment of wastewater, digestion of sludge and disposal of waste products.
2. Monitors, interprets and records meter readings and gauges at various stages of the treatment process and adjusts controls as needed.
3. Collects and preserves samples and performs routine, standardized tests (i.e., chlorine residual titrations, settleable or total solids, acid and alkalinity, sulfide analysis, ph determinations, and various colorimetric tests).
4. Monitors and adjusts valves, pumps, motors, generators, and other equipment to insure proper operation.
5. Logs information related to plant performance and status.

CITY OF HAYWARD  
WATER POLLUTION CONTROL FACILITY OPERATOR  
PAGE 2

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6. Cleans, inspects and lubricates plant machinery and equipment.
7. Inspects mechanical and electrical equipment, makes requests for major repairs or performs minor repairs as required.
8. Maintains buildings and grounds in a neat, clean, safe and sanitary condition.

OTHER JOB RELATED DUTIES

1. Performs related duties as required.

JOB RELATED AND ESSENTIAL QUALIFICATIONS

Knowledge of:

- A. Machinery and equipment common to water pollution control facilities.
- B. Treatment processes and tests used to verify the effectiveness of such processes.
- C. Tools, equipment and methods used in the overhaul, repair, adjustment and modification of facility equipment.
- D. Practical applications of pumping, piping and electrical systems as applied in a water pollution control facility.

Ability to:

- E. Operate process equipment in a water pollution control facility.
- F. Recognize faulty operation and relative seriousness of equipment defects and breakdowns.
- G. Handle hazardous chemicals in a safe manner.
- H. Perform standard laboratory tests.
- I. Perform minor mechanical repairs, maintenance work and preventative maintenance of equipment.

CITY OF HAYWARD  
WATER POLLUTION CONTROL FACILITY OPERATOR  
PAGE 3

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- J. Handle a variety of highly critical duties without close supervision or assistance.
- K. Maintain and evaluate records.
- L. Maintain cooperative working relationships with coworkers and supervisors.
- M. Follow oral and written directions.
- N. Provide assistance to others.
- O. Perform heavy physical labor.

EXPERIENCE AND TRAINING

Any combination of experience and training that could likely provide the required knowledge and abilities would be qualifying. A typical way to obtain the knowledge and abilities would be:

Experience: One year of operational experience working in a water pollution control facility while in possession of a Grade I Certificate or higher.

Training: Education equivalent to graduation from high school.

License or Certificate Possession of a valid Class C California Drivers License. Possession of a Grade II Certificate issued by the California State Division of Water Quality Control.

PROBATIONARY PERIOD: One year.

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June 1958

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APP GROUP: 17

FPPC STATUS: Non-Designated

FLSA STATUS: Non-Exempt